

# ABOUT OUR PARTNER



Advocate Christ Medical Center in Oak Lawn, Ill., offers a complete heart care program from prevention and state-of-the-art diagnostics to intervention and rehabilitation. Advocate Christ Medical Center's expert cardiovascular surgeons use cutting-edge techniques to perform the largest number of open-heart surgeries in Illinois. Cardiac patients participate in a rehabilitation program that includes instruction on lifestyle changes to ensure long-term health.



# CAREERS INSIDE THE OR

## CARDIOVASCULAR SURGEON

A team of cardiovascular surgeons perform the bypass surgery, visit the patient before and after surgery to answer any questions, and follow the patient's progress throughout hospitalization. After four years of college and four years of medical school, a cardiovascular surgeon completes about eight years of additional training.



## SCAB NURSE

The scrub nurse prepares the sterile field, surgical supplies and equipment. During the surgery, the scrub nurse assists the surgeon and the physician assistant by passing instruments, suctioning blood and maintaining the sterile field. A scrub nurse has a degree from a nursing school and at least one year of operating room experience.

## CIRCULATING NURSE

The circulating nurse prepares the patient for surgery by setting up the IV, attaching the monitoring devices and helping the anesthesiologist. A circulating nurse has a degree from a nursing school and at least one year of operating room experience.

## ANESTHESIOLOGIST

The scrub nurse prepares the sterile field. The anesthesiologist administers the drug that puts the patient to sleep before the operation and monitors the heart, lungs and kidneys during the procedure. An anesthesiologist has completed four years of college, four years of medical school and up to five years of additional training.

## PERFUSIONIST

The perfusionist operates the heart-lung machine, which takes over the function of the heart and lungs during surgery. A perfusionist has a five-year college degree.

## PHYSICIAN ASSISTANT

The physician assistant, or PA, harvests the vein in the leg (saphenous vein) that is used for the bypass. The PA assists the surgeon throughout the procedure. A PA earns a four-year college degree. PA programs require some type of medical experience, such as paramedic training or a job as a patient care technician, respiratory therapist or registered nurse, and are usually two years long.

# CAREERS OUTSIDE THE OR

## CARDIOLOGIST

The cardiologist, a heart specialist, performs diagnostic tests like cardiac catheterization. The cardiologist follows the patient's progress throughout hospitalization, regulates medications and determines when the patient should be discharged from the hospital. A cardiologist has a four-year college degree, a four-year medical degree and up to four years of further training.

## MEDICAL LAB TECHNICIAN

The lab technician performs diagnostic tests to detect diseases. A medical lab technician completes a two-year program.

## DIETICIAN

The dietician recommends a diet based on the medical needs of the patient. The dietician counsels the patient and his family on healthy eating habits to prevent disease and promote good health. A dietician has a four-year college degree and often a Master's degree in dietetics or nutrition.

## EMERGENCY MEDICAL TECHNICIAN (EMT)

The EMT works in emergency situations like accident scenes to offer immediate assistance to victims. An EMT completes a basic EMT course.

